application of:

G. Glenn Henry Thomas C. McDonald

Serial No.:

09/849736

Filed:

05/04/01

Docket:

CNTR.2021

For:

A SPECULATIVE BRANCH TARGET ADDRESS CACHE THAT OUTPUTS THE TARGET ADDRESS OF A BRANCH INSTRUCTION AND SPECULATIVE BRANCH INFORMATION IN RESPONSE TO A FETCH ADDRESS WHETHER OR NOT THE BRANCH IS PRESENT IN THE INSTRUCITON CACHE LINE INDEXED BY THAT ADDRESS

INFORMATION DISCLOSURE STATEMENT **SUBMITTED UNDER 37 CFR 1.97(D) AND 1.97 (E)(2)**

Attached hereto is Form PTO-1449 listing documents believed relevant to the subject application. It is respectfully requested that the Examiner review the information disclosed herein in detail, independently evaluate each item carefully in the consideration of the pending claims and return an initialed copy of each form to the undersigned.

This disclosure statement should not be construed as a representation that a search has been made, that no other material information as defined in 37 C.F.R. § 1.56(a) exists, or as an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 CFR § 1.56(b) or is available as a reference under 35 U.S.C. § 102 et seq. Applicant reserves the right to swear behind or otherwise disprove the allege "prior" nature of any art cited should the facts support and the situation warrant such an action.

It is believed that this disclosure complies with the requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98, and the Manual of Patent Examining Procedures § 609. If for some reason the examiner considers otherwise, it is respectfully requested that the undersigned be called so that any deficiencies can be remedied.

A copy of each document is enclosed. Some of the documents may have markings thereon. No significance is intended to be attached to the markings.

No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement. The information cited in the information disclosure statement was cited by the United States Patent Office in one or more applications that are related to the present application.

Also attached hereto is a check in the amount of \$180.00 for the fee set forth in § 1.17(p).

Respectfully submitted

11/15/2004 CCHAU1 00000058 09849736

01 FC:1806

180.00 OP

James W. Huffma Huffman Law Gould, Inc.

Registration No. 35,549 1832 N. Cascade Ave.

Colorado Springs, CO 80907 719.475.7103

719.623.0141 fax jim@huffmanlaw.net

Date: 11-10-04

"EXPRESS MAIL" mailing label number <u>E0 003 /5 8 5 5 5 U.S</u> Post Office to Addressee Service under 37 C.F.R. §1.10 on the date shown above and is addressed to the U.S. Commissioner of Patents and Trademarks, Washington, D.C. 20231.

By:

O P E VOIGE SUBSTITUTE SUBSTITUTE

Substitute for form 1449A/PTO

1

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary

of 1

Complete if Known				
Application Number	09/849736			
Filing Date	05/04/01			
First Named Inventor	G. Glenn Henry			
	Thomas C. McDonald			
Group Art Unit	2183			
Examiner Name	David Huisman			
Attorney Docket Number	CNTR.2021			

	U.S. PATENT DOCUMENTS						
Exami	Cite	U.S. Patent Document		ent Name of Patentee or Applicant	Date of Publication of	Pages, Columns, Lines, Where Relevant	
ner Initial s	No.1	Number	Kind Code ²	of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	
	AA	5355459		Matsuo et al	10/11/1994		
	AB	5850543		Shiell et al	12/15/1998		
	AC	6108773		Col et al	08/22/2000		
•			-				
<u> </u>		_					

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.1	Foreign Patent I Number ⁴	Code ⁵	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

Examiner Signature	Date Considered	

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO Complete if Known **Application Number** 09/849736 **INFORMATION DISCLOSURE** Filing Date 05/04/01 STATEMENT BY APPLICANT **First Named Inventor** G. Glenn Henry Thomas C. McDonald (use as many sheets as necessary Group Art Unit 2183 **Examiner Name** David Huisman 2 3

Attorney Docket Number

CNTR.2021

Sheet

of

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Т		
	ВА	"Microarchitecture support for reducing Branch Penalty in a Superscaler Processor", pp 208-216; Mamoru Sakamoto et al., Mittsubishi Electric Corp., 4-1 Mizuhara, Itami, Hyogo 664, Japan, 1996 IEEE.			
	ВВ	Microprocessor Report; Intel's P6 Uses Decoupled Superscalar Design, Vol. 9, No. 2, February 16, 1995.			
	вс	Microprocessor Report; MicroDesigns Resources, August 23, 1999.			
	-				
	<u>.</u>				
			<u>.</u>		
			_		

Examiner Signature	Date Considered	
-----------------------	--------------------	--

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.